

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1 and 2. (Canceled).

3. (Withdrawn) A communication terminal apparatus comprising:

a subcarrier block extraction section that separates a received signal into subcarrier blocks obtained by dividing a multicarrier communication band into a plurality of portions;

a reproduction section that reproduces a received signal subjected to hopping within the subcarrier blocks;

a CIR measuring section that measures a CIR of the received signal;

a CQI generation section that generates CQI indicating a transmission rate requested based on said CQI; and

a transmission section that transmits said CQI.

4. (Withdrawn) The communication terminal apparatus according to claim 3, wherein said CIR measuring section comprises:

a signal power calculation section that calculates power of desired signals from the received signal in subcarrier block units;

an interference power calculation section that calculates power of interference signals from the received signal in subcarrier block units;

an averaging section that calculates an average value of power of interference signals in a plurality of subcarrier blocks; and

a CIR calculation section that calculates a CIR from power values of said desired signals and average power value of said interference signals in subcarrier block units.

5. (Withdrawn) A radio communication method comprising the steps of:

determining a schedule for transmitting transmission data to a plurality of communication terminal apparatuses based on CQI transmitted from the respective communication terminal apparatuses;

calculating communication quality for the communication terminal apparatuses in units of subcarrier blocks obtained by dividing a multicarrier communication band into a plurality of portions, arranging transmission data in subcarrier blocks whose communication quality is equal to or higher than predetermined quality for the respective communication terminal apparatuses;

arranging the transmission data subjected to frequency hopping in predetermined time units in subcarriers in the subcarrier blocks and transmitting the transmission data arranged in the subcarriers;

separating the received signal into subcarrier blocks obtained by dividing a multicarrier communication band into a plurality of portions;

reproducing the received signal subjected to hopping in the subcarrier blocks; and

measuring a CIR of the received signal, generating CQI indicating a transmission rate requested based on said CIR and transmitting said CQI.

6. (New) A base station apparatus that performs radio communication with a communication terminal apparatus using a multicarrier communication band divided into a plurality of blocks, the base station apparatus comprising:

an assignment section that assigns one of the plurality of blocks to first data, the first data being encoded and modulated according to communication quality information from the communication terminal apparatus, according to the same communication quality information, and that assigns one of the plurality of blocks to second data, the second data being encoded and modulated without regard to the communication quality information from the communication terminal apparatus, in accordance with a predetermined pattern without regard to the communication quality information; and

a frequency hopping section that performs frequency hopping of the first data and the second data in the respective blocks to which the first data and the second data are assigned.

7. (New) The base station apparatus according to claim 6, wherein the communication quality information comprises a CIR of each block that is calculated in the communication terminal apparatus based on power of a desired signal of said each block and an average value of power of an interference signal over the plurality of blocks.

8. (New) A communication method in a base station apparatus that performs radio communication with a communication terminal apparatus using a multicarrier communication band divided into a plurality of blocks, the method comprising:

assigning one of the plurality of blocks to first data, the first data being encoded and modulated according to communication quality information from the communication terminal apparatus, according to the same communication quality information, and assigning one of the plurality of blocks to second data, the second data being encoded and modulated without regard to the communication quality information from the communication terminal apparatus, in accordance with a predetermined pattern without regard to the communication quality information; and

performing frequency hopping of the first data and the second data in the respective blocks to which the first data and the second data are assigned.